

Title (en)
SUPPLY ASSEMBLY FOR A LED LIGHTING MODULE

Title (de)
EINRICHTUNG ZUM BETREIBEN EINES LED-MODULS

Title (fr)
ENSEMBLE D'ALIMENTATION POUR MODULE D'ECLAIRAGE A DIODES ELECTROLUMINESCENTES

Publication
EP 1576858 B1 20081203 (EN)

Application
EP 03777081 A 20031211

Priority
• IB 0305944 W 20031211
• US 32344502 A 20021219

Abstract (en)
[origin: WO2004057921A1] A supply assembly for an LED lighting module includes a control switch for supplying a constant current to the LED lighting module. A dual switching signal composed of low frequency bursts of high frequency pulses is applied to the control switch. By varying the low frequency component of the dual switching signal, the average current through the LED lighting module may be varied in order to vary the light intensity outputted by the LED lighting module.

IPC 8 full level
H01L 33/00 (2010.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)
H05B 45/10 (2020.01 - EP KR US); **H05B 45/327** (2020.01 - EP US); **H05B 45/37** (2020.01 - KR); **H05B 45/3725** (2020.01 - EP US); **F21W 2107/00** (2017.12 - KR); **F21W 2111/02** (2013.01 - KR); **H05B 45/375** (2020.01 - EP US)

Cited by
DE102016107578A1; EP2709426A3; US10260686B2; EP2667687A1; US10036549B2; US10571115B2; US11073275B2; DE102016107578B4; US10161568B2; US10690296B2; US11028972B2; US11428370B2; US10342086B2; US10973094B2; DE102020103921A1; DE102020103921B4; US9807842B2; US10176689B2; US10713915B2; US10966295B2; US9635727B2; US10182480B2; US10560992B2; US10932339B2; US11333308B2; EP2829157B1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)
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